Technics

SX-P50

2
QQTG0606

Technics

OWNER'S MANUAL

Contents

■ **Supplied accessory**
Please check the supplied accessory.

☐ **AC adaptor**

☐ **Music Stand**

☐ **Foot Switch**

Important Safety Instructions

WARNING

When using electric products, basic precautions should always be followed, including the following;
• Read all the instructions before using the product.

Safety

• **Power Source**—The product should be connected to a power supply only of the type described in the operating instructions or as marked on the product.

• **Polarization**—This product may be equipped with a polarized line plug(one blade wider than the other). This is a safety feature. If you are unable to insert the plug into the outlet, contact an electrician to replace your obsolete outlet. Do not defeat the safety purpose of the plug.

• **Periods of Non-use**—The power-supply cord of the product should be unplugged from the outlet when left unused for a long period of time.

Installation

• **Water and Moisture**—Do not use this product near water—for example, near a bathtub,washbowl, kitchen sink, in a wet basement, or near a swimming pool, or the like.

• **Cart/Stand**—This product should be used only with a cart or stand that is recommended by the manufacturer.

• **Ventilation**—The product should be located so that its location or position does not interfere with its proper ventilation.

• **Heat**—The product should be located away from heat sources such as radiators, heat registers, or other products that produce heat.

• **Foreign Material**—Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

Listening caution

This product, either alone or in combination with an amplifier and headphones or speakers may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should consult an audiologist.

Service

• **Damage Requiring Service**—The product should be serviced by qualified service personnel when:
a.The power-supply cord or the plug has been damaged; or
b.Objects have fallen, or liquid has been spilled onto the product; or
c.The product has been exposed to rain; or
d.The product does not appear to operate normally or exhibits a marked change in performance; or
e.The product has been dropped, or the enclosure damaged.

• **Servicing**—Do not attempt to service the product beyond that described in the user-maintenance instructions.
All other servicing should be referred to qualified service personnel.

Maintenance

• Be sure to switch this unit off after use, and do not switch the unit on and off in quick succession, as this places an undue load on the electronic components.
• To maintain the luster of the keys and buttons, wipe with a clean, damp cloth, and polish with a soft, dry cloth. Polish may be used, but do not use thinners or petro-chemical-based polishes.
• A wax-based polish may be used on the cabinet, although you will find that rubbing with a soft cloth will suffice.

SAVE THESE INSTRUCTIONS

QQTG0606

Getting started

1 Plug the AC adaptor (included) into an outlet.

(Left rateral panel)
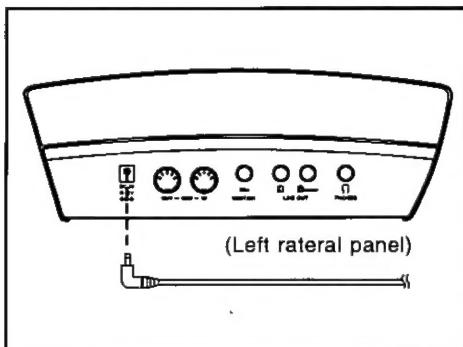
- Connect the connecting plug of the AC adaptor (supplied) to the **DC IN** terminal of the instrument, and the power-supply plug to a wall outlet.

2 Connect the foot switch (included) to the **SUSTAIN** terminal.
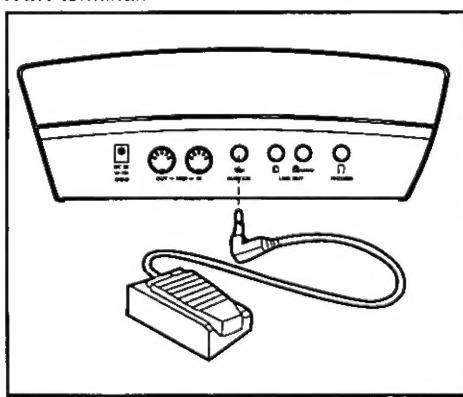
3 Connect audio equipment to the **LINE OUT (L, R/MONO)** terminals.
- Since this instrument has no built-in speakers, connect a stereo set and/or speakers that have built-in amplifiers.
- For monaural sound, connect the cord to the **R/MONO** terminal. (Do not connect the cord to the **L** terminal.)

L ◯   R ◯

Stereo set, speakers that have built-in amplifiers, etc.
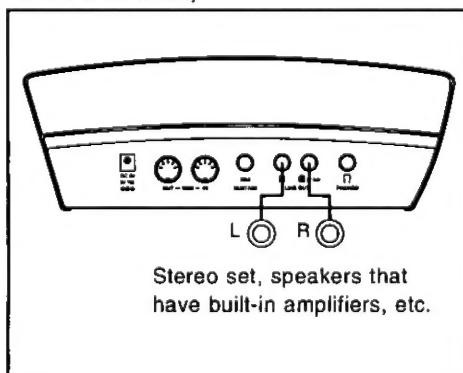
- You can also hear the sound with headphones by connecting them to the **PHONES** terminal.
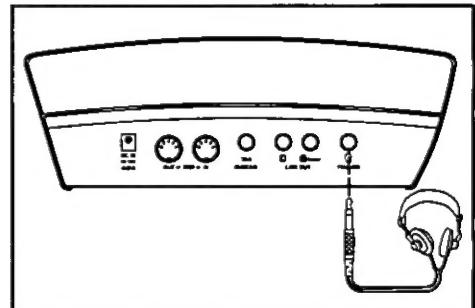
4 Press the **PLAY** button on the front panel to turn it on.
- Press the **PLAY** button of the piano to turn it on, and then turn on the power switch of the connected audio apparatus. (When turning off the power supply of the piano, be sure to turn off the power switch of the connected audio apparatus first.)
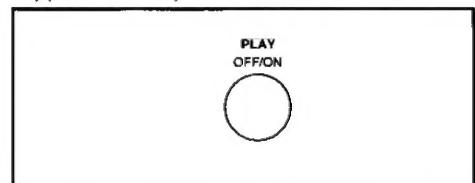
PLAY
OFF/ON

- The indicator lamp on the front panel lights up when power is on.

5 Play the keyboard.
- Your piano features Touch Response. You control the volume by playing the keys harder or softer.

6 Set the **MAIN VOLUME** to an appropriate level.

MAIN VOLUME
MIN | | | | | | | MAX
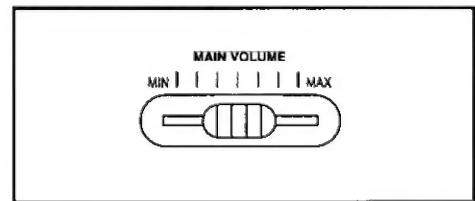
Listen to the demonstration

Automatic performances which introduce you to the sounds are stored in the memory of this piano.

Grand piano demonstration performance

1 Press the **DEMO** button.
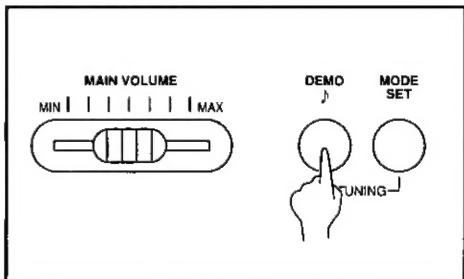
- The indicators for the **SOUND** buttons flash.
- The display changes to the [– – –] display.

2 Select **CONCERT GRAND**.
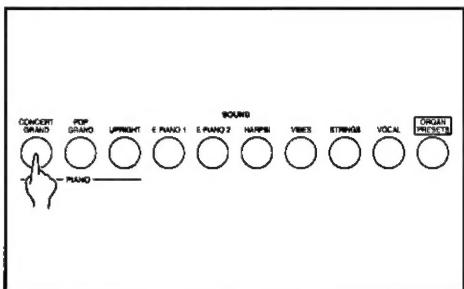
- The **SOUND** buttons which contain **CONCERT GRAND** piano demonstration tunes are shown by the flashing indicators.

3 Select a **SOUND** button (other than **CONCERT GRAND**) whose indicator is flashing.
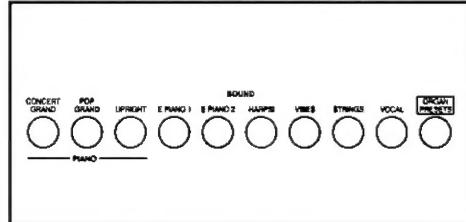
- The demonstration tune starts.
- The indicator of the selected **SOUND** button flashes.
- If the button for the current demonstration tune is pressed, the demonstration performance stops.
- Listen to the other **CONCERT GRAND** piano demonstration tunes in the same way.

4 When you are finished listening to the demonstration tunes, press the **DEMO** button again.
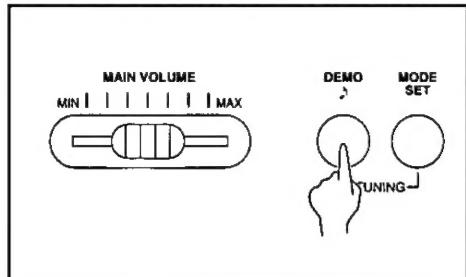
- The display turns off.

Caution
Do not lean this equipment, for example, against a wall. It may fall and cause damage or injury.
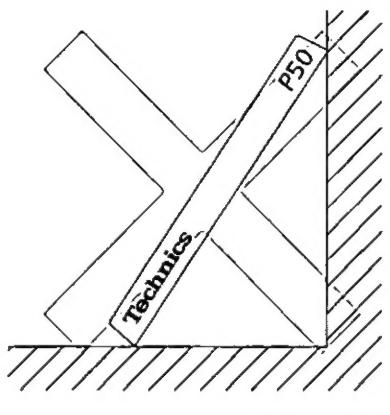
Demonstration performances for other sounds

1 Press the **DEMO** button.
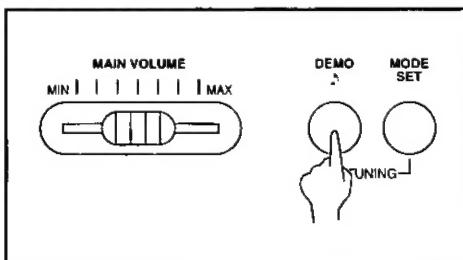
- The indicators for the **SOUND** buttons flash.
- The display changes to the [– – –] display.

2 Select a sound (other than **CONCERT GRAND**) you wish to hear.
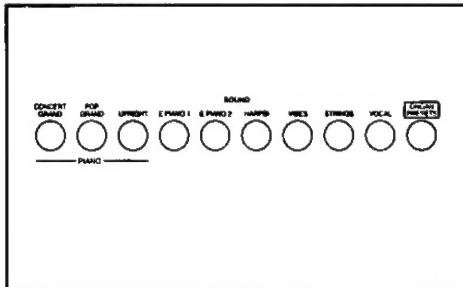
- The demonstration tune starts.
- The indicator of the selected **SOUND** button flashes and the other indicators go out.
- If the button for the current demo is pressed, the demonstration performance stops.
- Listen to the demonstration tunes for the other sounds in the same way.
- Two different demonstration tunes are available for the **ORGAN PRESETS**. Press the **ORGAN PRESETS** button and select one of the buttons with a flashing indicator.

3 When you have finished listening to the demonstration performances, press the **DEMO** button again.
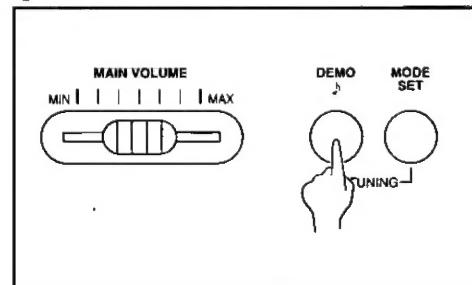
- The display turns off.

Listen to all the demonstration tunes in order.

Press and hold the **DEMO** button for a few seconds.
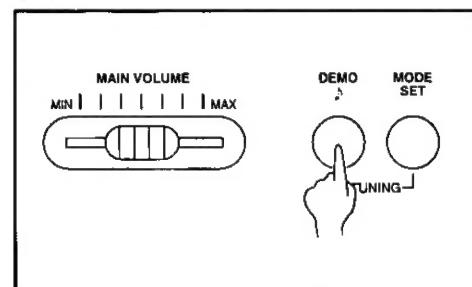
- All the demonstration tunes are automatically played in order.
- If you press the button with the flashing indicator during the demonstration performance, the current tune stops and the next tune begins.
- The tunes are repeated in order until the **DEMO** button is pressed again.

- You can play the keyboard while the demonstration performances are playing.
- Some of the buttons do not function while the demonstration performances are being played.

- Demonstration performances are listed on page 19.

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Sounds and effects

Display
The display shows a variety of different setting values.
* During normal playing, it is turned off.

PLAY OFF/ON	MAIN VOLUME MIN | | | | | | MAX	DEMO ♪	MODE SET	TOUCH SENSITIVITY ○LIGHT ○NORMAL ○HEAVY		TRANSPOSE DOWN UP

└TUNING┘

VALUE
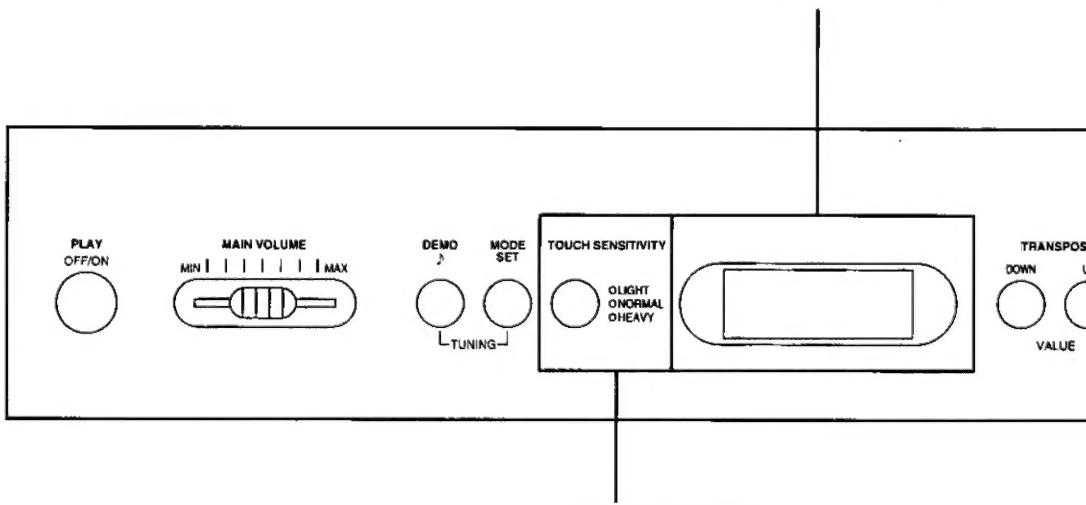
TOUCH SENSITIVITY
The keyboard touch (Touch Response) can be changed to match your type of playing.
* Choose from **LIGHT**, **NORMAL** and **HEAVY**.

The unit is in the standby condition when the AC adaptor is connected. The primary circuit is always "live" as long as the AC adaptor is connected to an electrical outlet.
* When leaving the product unused for a long time, turn off the **PLAY** button of the unit and pull the AC adaptor out of the socket for power saving. (The product consumes a power of 3 W even with the **PLAY** button of the unit turned off.)

Music stand
Insert the music stand in the two holes on the rear panel.

SOUND

Press one of the **SOUND** buttons to select the desired sound.

Each sound features Touch Response, which increases the volume when the keyboard is played harder.

- The sounds can be mixed when two **SOUND** buttons are pressed simultaneously. (Refer to page 10.)
- If the **ORGAN PRESETS** button is pressed, organ sounds are produced. (Refer to page 10.)
- On this piano, the maximum number of notes which can sound simultaneously is 64.

BRILLIANCE

The **BRILLIANCE** allows you to select the brightness of the sound from 5 settings.

If either of the buttons is pressed once, the current setting value will appear on the display, and it can then be changed.

Pressing the **BRIGHT** button increases the brightness; when the **MELLOW** button is pressed, the sound becomes mellower. During setting the brightness is shown on the display (−2 to 2).

- Press both buttons at the same time to return the brightness to 0.
- A short time after the setting is completed, the display will return to the turned-off condition.
- If the **BRILLIANCE** has been set to a number other than 0, one of the indicators remains lit.

DIGITAL EFFECT

A celeste effect can be applied to give the sound greater depth.

DIGITAL REVERB

DIGITAL REVERB applies a reverberation effect to the sound. Select from four echo types—**ROOM**, **STAGE**, **HALL** and **CONCERT**.

- The type and depth of the **DIGITAL REVERB** can be set for each sound. (Refer to page 12.)

Tuning

Unlike an acoustic piano, your Digital Piano never needs tuning.

- The pitch of this instrument can be adjusted when playing along with other instruments.

Setting the effects for each sound

The **DIGITAL EFFECT**, **BRILLIANCE** and **DIGITAL REVERB** are stored independently for each sound. When a **SOUND** button is pressed, the effect settings for the selected sound are recalled.

Organ Presets

You can produce organ sounds when the **ORGAN PRESETS** button in the **SOUND** section is on. There are 9 different organ sounds provided for you to choose from.

To produce organ sounds

1. Turn on the **ORGAN PRESETS** button.
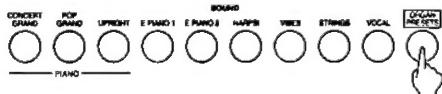
2. Press any key on the keyboard to hear the organ sound.

To select a sound

1. Press and hold the **ORGAN PRESETS** button for about 3 seconds.
 • The indicator flashes.

2. Use the **VALUE (TRANSPOSE)** buttons to select an organ sound.

 • The name of the sound is shown on the display.
  C-1 to C-4:   CLASSICAL (PIPE) ORGAN sounds
  J-1 to J-5:   JAZZ ORGAN sounds
 • Play the keyboard to hear the selected sound.

 • When the name of an organ sound is indicated, only an **ORGAN PRESETS** sound can be selected. To select a different sound, press the **ORGAN PRESETS** button to turn it off.
 • To quickly select a sound, while pressing the **ORGAN PRESETS** button, use the **VALUE** buttons to select the sound.
 • When a JAZZ ORGAN sound is selected, the **DIGITAL EFFECT** button is used to switch the tremolo speed (on=fast; off=slow).

Mixing two sounds

You can play two different sounds at the same time, thus obtaining a composite sound having a depth not possible in a single sound. The volume balance for each of the sounds can also be adjusted.

Mixing sounds

1. Press two **SOUND** buttons at the same time.
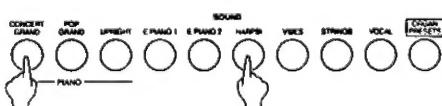
 • The indicators of the two selected buttons light up.

2. Press any key on the keyboard to hear the mixed sound.

 • The on/off status of the **DIGITAL EFFECT** is effective for each sound. In addition, the **BRILLIANCE** and **DIGITAL REVERB** settings are memorized for each combination of sounds.

Volume balance

1. Press the two **SOUND** buttons continuously for 2 or 3 seconds.
 • The indicators for the two sounds flash, and the current volume balance is shown on the display.

2. Use the **VALUE (TRANSPOSE)** buttons to adjust the volume balance.

 • Each time the **UP** button is pressed, the volume of the right-side sound increases, and each time the **DOWN** button is pressed, the volume of the left-side sound increases. Play the keyboard to hear the volume balance.
 • If the two **VALUE** buttons are pressed at the same time, the volume is equally balanced.
 • On the display, the right-side sound is louder when a number 1 to 10 is shown, and the left-side sound is louder when a number −1 to −10 is shown.

3. When you have finished adjusting the volume balance, press any **SOUND** button.

Transpose

Suppose you learn to play a song—in the key of C, for example—and decide you want to sing it, only to find it's either too high or too low for your voice. Your choice is to either learn the song all over again, in a different key, or to use the **TRANSPOSE** feature.

Use the **TRANSPOSE** buttons to adjust the key.
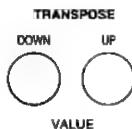
TRANSPOSE

DOWN   UP

○ ○

VALUE

- If either of the buttons is pressed once, the current setting value will appear on the display, and it can then be changed.
- When setting the key, the current key is shown on the display.
- If the two buttons are pressed at the same time, the key returns to C.
- If either of the **TRANSPOSE** indicators remains lit, it indicates that the piano is set to a key other than C.

Each press of the **DOWN** button:		Each press of the **UP** button:
G [-G]←A♭ [-Ab]←A [-A]←B♭ [-bb]←B [-b]←	C [C]	→D♭ [db]→D [d]→E♭ [Eb]→E [E]→F [F]→F♯ [F♯]

[   ] shows the indication on the display.

Tuning

The pitch of the instrument can be adjusted. This capability is useful, for example, for ensemble playing.

1. Press the **DEMO** and **MODE SET** buttons simultaneously.

DEMO   MODE
 ♪   SET
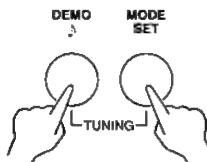
└TUNING┘

- The current tuning is shown on the display.

2. Use the **VALUE (TRANSPOSE)** buttons to adjust the pitch.

```
40.0
```

TRANSPOSE

DOWN   UP

○ ○

VALUE

- Press the **UP** button to raise the pitch and press the **DOWN** button to lower the pitch (427.3–440.0–453.0 Hz).
- Press and hold either **VALUE** button to change the pitch quickly.
- The 100's digit (4) is not shown on the display. The decimal can be set to 0, 3 or 6.
- If both **VALUE** buttons are pressed at the same time, the pitch returns to 440.0 Hz.

3. When you have finished adjusting the pitch, press either the **DEMO** button or the **MODE SET** button.

Reverb depth

The type and depth of the **DIGITAL REVERB** can be adjusted for each sound.

1. Select a sound.

2. Select a type of **DIGITAL REVERB**.

DIGITAL
REVERB
ROOM ○
STAGE ○
HALL ○
CONCERT ○

3. While pressing the **MODE SET** button, press the **DIGITAL REVERB** button.

MODE
SET
DIGITAL
REVERB
ROOM ○
STAGE ○
HALL ○
CONCERT ○
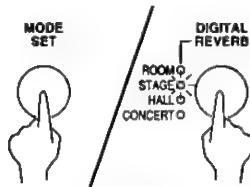
- The indicator for the selected type flashes.
- If the **DIGITAL REVERB** was off, ROOM is selected.

4. Use the **VALUE (TRANSPOSE)** buttons to adjust the depth of the reverb.

TRANSPOSE
DOWN   UP

VALUE
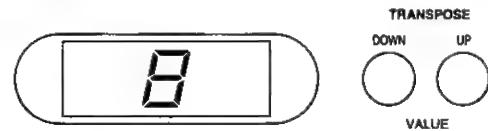
- The current reverb depth (1–10) is shown on the display.
- Each press of the **UP** button increases the reverb depth, and each press of the **DOWN** button decreases the reverb depth.
- To return instantaneously to the standard reverb depth, press the two **VALUE** buttons at the same time.

5. When you have finished adjusting the reverb depth, press either the **MODE SET** button or the **DIGITAL REVERB** button.

- The selected type and depth are memorized for each sound and are recalled whenever the same sound is selected again.

String resonance

String resonance is the sound heard in an acoustic piano when the struck strings produce a sympathetic resonance of the other unstruck strings. For the **CONCERT GRAND**, **UPRIGHT** and **POP GRAND** sounds, string resonance is produced as long as the sustain pedal (foot switch) is depressed. The amount of string resonance can be adjusted, and is common for all the sounds.
- When the **DIGITAL REVERB** is on, there is no string resonance.

1. Press and hold the **CONCERT GRAND** button for about 3 seconds.

SOUND
CONCERT POP
GRAND GRAND UPRIGHT E PIANO 1 E PIANO 2 HARPS VIBES STRINGS VOCAL ORGAN
PRESETS

PIANO

- The indicator flashes.

2. Use the **VALUE (TRANSPOSE)** buttons to adjust the amount of resonance (0–10).

TRANSPOSE
DOWN   UP

VALUE

- Each time the **UP** button is pressed, the resonance increases. Each time the **DOWN** button is pressed, the resonance decreases.
- When set to 0, there is no string resonance.
- Pressing both buttons at the same time will return the instrument to the standard resonance.

3. When you have finished adjusting the string resonance, press the **CONCERT GRAND** button again.

Setting the functions

You can set various functions, for example, the type of tuning, or how the sound is produced when the keys are pressed very slowly.

Settings which can be adjusted

Function	on (when indicator is lit)	off (when indicator is not lit)
PIANO TUNING	Standard acoustic piano tuning, in which the lower pitches are tuned slightly lower and the higher pitches are tuned slightly higher (default setting).	Standard equal temperament.
MINIMUM RANGE	No sound is produced when a key is played extremely softly (default setting).	Sound is produced regardless of how softly the keys are pressed.

Procedure

⇒While pressing the **MODE SET** button, turn the desired function on or off by pressing the relevant button.
• When changing the settings, the panel buttons function as shown in the illustrations.

• While the **MODE SET** button is depressed, the keyboard keys do not produce sound.
• When the **MODE SET** button is pressed, the MIDI CHANNEL number (refer to page 14) is shown on the display.
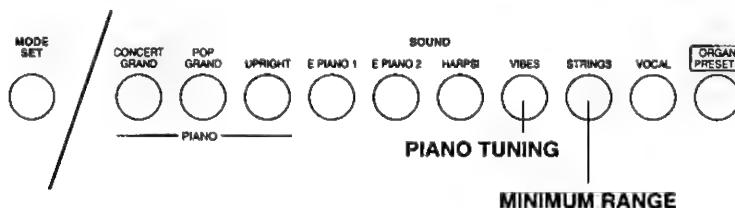
MIDI

MIDI (Musical Instrument Digital Interface) is the international standard for digital communication of electronic musical instrument data. This means that any equipment which has a MIDI terminal—such as electronic musical instruments and personal computers—can easily exchange digital data with other MIDI equipment without resorting to complicated conversions or connections.

About the MIDI terminals

OUT – MIDI – IN   (On the left lateral panel)

IN: The terminal by which this instrument receives data from other equipment.
OUT: The terminal that transmits data from this instrument to other equipment.

• For these connections, use a commercially available MIDI cable. Contact your Technics dealer for more information.

The following kinds of data can be transmitted/received.

■ Key note on/off data (keyboard performance data)
■ Pedal on/off data
■ **DIGITAL EFFECT** on/off data
■ PROGRAM CHANGE (sound selection change) data*, etc.
* Refer to page 15 regarding data transmission.

• **DEMO** performance data cannot be transmitted.

Assigning the MIDI CHANNEL (MIDI CH)

You can assign a MIDI CHANNEL number (1–16) to this instrument.
- Normally, data can be exchanged only when the channel on the transmitting side matches the channel on the receiving side.
- The default channel setting is 1.

⇒While pressing the **MODE SET** button, use the 16 lowermost keys (see illustration) to assign the desired MIDI CHANNEL number.

- The selected MIDI CHANNEL number is shown on the display.
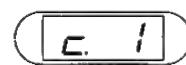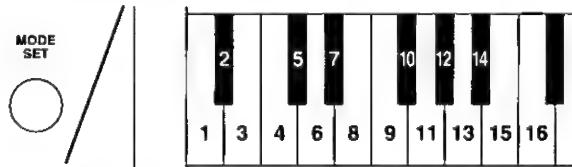
The following MIDI functions can be set.

The **DIGITAL EFFECT** button and some of the **SOUND** buttons, when used in conjunction with the **MODE SET** button, serve to set the following MIDI functions.

| Function	on (when indicator is lit)	off (when indicator is not lit)
MULTI TIMBRE	The piano can be used as a multiple sound generator, and data can be received on each MIDI channel.	This piano cannot be used as a multiple sound generator. Data can be received only on the set MIDI basic channel. In this case, the produced sound corresponds to the selected sound as indicated on the panel (default status).
	• In the initialized state, the MIDI channel and sound assignment that can be used on this instrument is as shown below (the **ORGAN PRESETS** becomes the sound that is selected at that time). • When the power is turned on or when this instrument is initialized, the sounds for each channel that were changed by receiving PROGRAM CHANGE numbers return to the sounds indicated on the panel.	
OMNI ON	Data is received for all MIDI channels.	Data is received only on MIDI channels which are matched (default status). • For assigning this instrument's MIDI channels, refer to the section "Assigning the MIDI CHANNEL (MIDI CH)" above.
PROGRAM CHANGE	PROGRAM CHANGE data is transmitted/received (default status). • You can also transmit data for any PROGRAM CHANGE number. (Refer to page 15.) • Please refer to page 16 for information about the program change number of each sound button.	PROGRAM CHANGE data is not transmitted/received.
PEDAL	Pedal operation data is transmitted/ received (default status).	Pedal operation data is not transmitted/ received.
EFFECT	The **DIGITAL EFFECT** on/off status is transmitted/received (default status).	The **DIGITAL EFFECT** on/off status is not transmitted/received.

TRANSPOSE	When this instrument's **TRANSPOSE** function is active, note numbers of the transposed notes are transmitted.	When this instrument's **TRANSPOSE** function is active, note numbers of the played keys (non-transposed notes) are transmitted (default status).
LOCAL CONTROL	The performance from this instrument also sounds from this instrument (default status). • When the **PLAY** is turned on, the LOCAL CONTROL is set to on.	The performance from this instrument does not sound from this instrument. Set to off when this instrument is to be used only to transmit data to connected equipment.

• MULTI TIMBRE and OMNI ON cannot both be turned on at the same time.

Procedure

⇒While pressing the **MODE SET** button, turn the desired function on or off by pressing the relevant button.

• While the **MODE SET** button is depressed, the keyboard keys do not produce sound.

• When using the MIDI functions, the panel buttons function as shown in the illustrations.
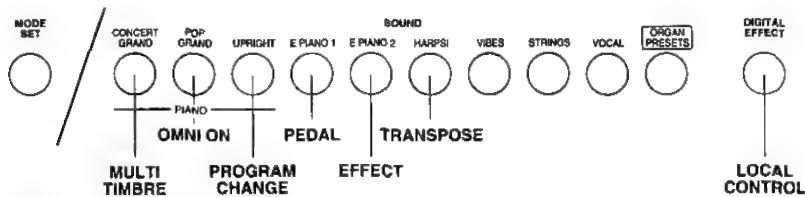
Transmitting PROGRAM CHANGE numbers

This piano can be used to transmit desired PROGRAM CHANGE numbers to the connected instrument.

⇒While pressing the **MODE SET** button, using the numbers on the keyboard illustration below for reference, press a black key to specify the BANK and a white key to specify the NUMBER. (Refer to the PROGRAM CHANGE number table.)

• PROGRAM CHANGE numbers are transmitted by combining a BANK and NUMBER to specify the desired PROGRAM CHANGE number 0–127.
• The selected PROGRAM CHANGE number is shown on the display.
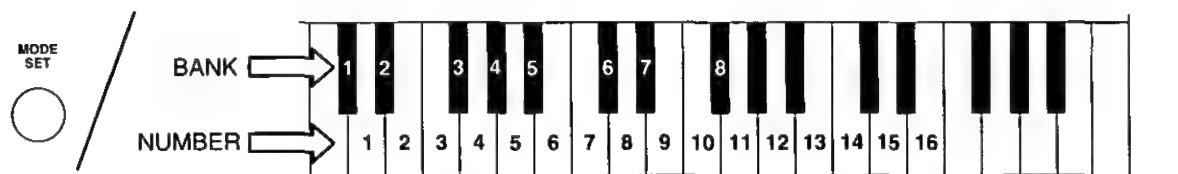
PROGRAM CHANGE number table

BANK \ NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
3	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
4	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
5	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
6	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95
7	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111
8	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127

- You can also use the sound buttons to specify the PROGRAM CHANGE number.
  The **ORGAN PRESETS** are assigned numbers 9 to 17 in the CLASSICAL, JAZZ numerical order and change depending on the sound selected at that time.

					SOUND				
CONCERT GRAND	POP GRAND	UPRIGHT	E PIANO 1	E PIANO 2	HARPSI	VIBES	STRINGS	VOCAL	ORGAN PRESETS
(0)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9–17)

———— PIANO ————
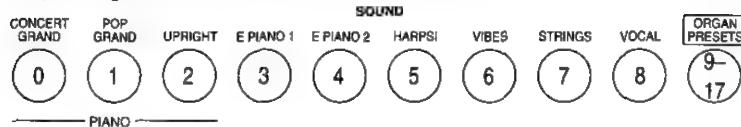
# Symptoms which appear to be signs of trouble

Phenomenon	Remedy
No sound is produced when the keyboard is played.	• Please connect a speaker system or headphones to hear the sound. • No sound is produced if the **MAIN VOLUME** is set to **MIN**. Use the sliding control to set the volume to an appropriate level. • If the MIDI LOCAL CONTROL is set to off, set it to on, or turn the power ON after turning it OFF once. (Refer to page 15.)
Nothing is shown on the display.	• The setting values, etc. are indicated on the display. During normal performance, however, the display is off.
Data cannot be exchanged through MIDI terminals.	• Match the channels on the transmitting side and the receiving side. (Refer to page 14.)

■ Backup memory

This instrument's various settings are always maintained as long as the AC adaptor is connected. When the AC adaptor is removed, the settings are remainned for about 10 minutes, after which they return to the factory-preset status.

■ Initialized settings

To return this instrument's settings to the factory preset status, with the power ON, while pressing the **MODE SET** button, press the keyboard key indicated in the illustration below. Or, with the power OFF, while pressing the keyboard key indicated in the illustration below, turn the power ON.
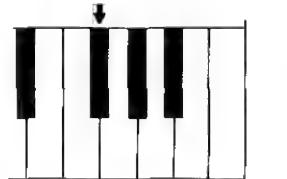
MIDI Implementation Chart

Digital piano [SX-P50]

Function		Transmitted	Recognized	Remarks
Basic Default **Channel** Changed		1–16 1–16	1–16 1–16	
Mode	Default Messages Altered	3 × —	1, 3 × —	
Note **Number**	 True voice	*21–108 —	0–127 *0–127	
Velocity	Note ON Note OFF	O × (9nH: V=0)	O ×	
After **Touch**	Key's Ch's	× ×	× ×	
Pitch Bend		×	O	
Control **Change**	01 06,38 07 10 11 64 66 67 91 93 98, 99 100,101	× × × × × O× × × × O× × ×	**O **O **O **O **O O× O× O× **O O× **O **O	modulation data entry volume (part) pan part expression sustain pedal sostenuto pedal soft pedal reverb depth digital effect NRPN LSB, MSB RPN LSB, MSB
Prog **Change**	 True #	O× 0–127	O× 0–17	
System Exclusive		×	×	
System **Common**	Song Pos Song Sel Tune	× × ×	× × ×	
System **Real Time**	Clock Commands	× ×	× ×	
Aux **Messages**	Local ON/OFF All Notes OFF Active Sense Reset	× × O ×	O O O ×	
Notes		O× ..... Whether or not the data for each of these items is transmitted or received can be set. * Changes depending on the **TRANSPOSE** setting. ** Effective only in the MULTI TIMBRE mode.		

Mode 1: OMNI ON, POLY **Mode 2:** OMNI ON, MONO O : Yes

Mode 3: OMNI OFF, POLY **Mode 4:** OMNI OFF, MONO × : No

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Specifications

	SX-P50
KEYBOARD	88 KEYS
MAX. POLYPHONY	64 NOTES
SOUND	18 SOUNDS: CONCERT GRAND, POP GRAND, UPRIGHT, E PIANO 1, E PIANO 2, HARPSI, VIBES, STRINGS, VOCAL, ORGAN PRESETS (9 SOUNDS)
BRILLIANCE	MELLOW, BRIGHT (5 STEPS)
DIGITAL EFFECT	○
DIGITAL REVERB	○ (ROOM, STAGE, HALL, CONCERT)
TOUCH SENSITIVITY	LIGHT, NORMAL, HEAVY
TRANSPOSE	G–C–F♯
TUNING	427.3 Hz–440.0 Hz–453.0 Hz
DISPLAY	○
DEMO	○
MIDI	MULTI TIMBRE, LOCAL CONTROL, OMNI ON, PROGRAM CHANGE, PEDAL, EFFECT, TRANSPOSE
MODE SET	PIANO TUNING, MINIMUM RANGE
OTHERS	PLAY SWITCH, MAIN VOLUME, MIDI TERMINALS (IN, OUT), SUSTAIN, LINE OUT (R/MONO, L), PHONES, DC IN
POWER REQUIREMENT	DC IN 10 V (WITH EXCLUSIVE AC ADAPTOR)
POWER CONSUMPTION	7 W (WHEN POWER IS OFF BY THE PLAY BUTTON: 3 W)
DIMENSIONS (W×H×D)	136.5 cm × 11.5 cm × 29.8 cm (53-3/4" × 4-17/32" × 11-23/32")
NET WEIGHT	16 kg (35.3 lbs.)
ACCESSORIES	AC ADAPTOR, MUSIC STAND, FOOT SWITCH

• Design and specifications are subject to change without notice.

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Demo Performance List
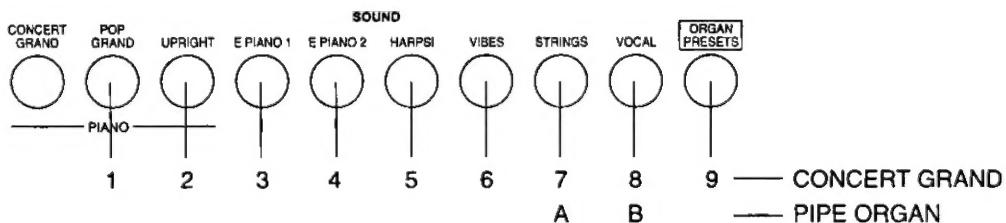
SOUND NAME		SONG TITLE	COMPOSER
CONCERT GRAND	1	Polonaise Heroique	Chopin
	2	Clair de Lune (Suite bergamasque)	Debussy
	3	from Sonata A major (K.331)	Mozart
	4	Military March	Schubert
	5	Technics Original	
	6	Maple Leaf Rag	Joplin
	7	Danny Boy	Traditional
	8	Swannee River	Traditional
	9	Loch Lomond	Traditional
POP GRAND		Beautiful Dreamer	Foster
UPRIGHT		My Lady's-Ride (25 Easy Studies Op.100)	Burgmuller
E. PIANO 1		Amazing Grace	Traditional
E. PIANO 2		Tehnics Original	
HARPSI		Prelude in C♯ major No.3 from Book 1 of 48 Preludes & Fugues (BWV.848)	Bach
VIBES		La Paloma	Traditional
STRINGS		Technics Original	
VOCAL		Ave Maria	Burgmuller
ORGAN PRESETS	A	Courante from Suite No.5 in G major (BWV.816)	Bach
	B	The House of the Rising Sun	Traditional

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